

Converting Colors

XYZ(62.4385, 65.6985, 64.0970)

Have a look what the booklet for
XYZ(62.4385, 65.6985, 64.0970)
contains.

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Color

**XYZ(62.3349, 65.5104,
64.0029)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D3C8
RGB	217, 211, 200
RGB Percent	85%, 83%, 78%
CMY	0.1490, 0.1725, 0.2157
CMYK	0.00, 0.03, 0.08, 0.15
HSL	39°, 18%, 82%
HSV	39°, 8%, 85%
XYZ	62.3349, 65.5104, 64.0029
YIQ	211.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

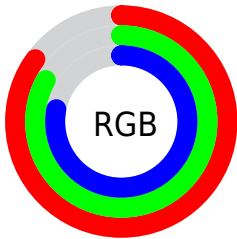
Format	Color
R _Y B	209, 217, 200
Decimal	14275528
CIE Lab	84.75, 0.16, 6.16
CIE LCh	85, 6.166, 88.505
Yxy	65.5104, 0.3249, 0.3415
Android (android.graphics.Color)	4292465608 (0xFFD9D3C8)
YUV	211.5400, -5.6892, 4.7884
Hunter-Lab	80.9385, -4.1703, 9.7728

Details

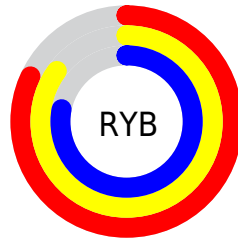
The XYZ color **62.3349, 65.5104, 64.0029** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4150, 61.4307, 74.4250**, and the grayscale version is **62.3089, 65.5538, 71.3881**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1456, 33.8706, 32.0376** is the 20% darker color. If you saturate the color by 10%, you get **58.1209, 60.8565, 50.9615**, and if you desaturate by 10%, it is **67.0031, 70.4952, 78.9732**.

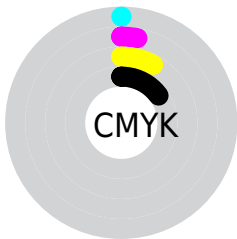
Distribution



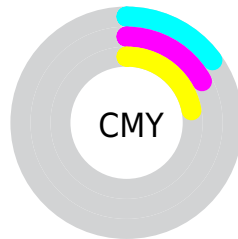
- Red (85%)
- Green (83%)
- Blue (78%)



- Red (82%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3349, 65.5104, 64.0029 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 62.3349, 65.5104, 64.0029 by changing the saturation by 10% instead.

■ 62.3349, 65.5104,
64.0029

■ 62.3349, 65.5104,
64.0029

422.8498,
444.6239, 457.4079

■ 45.5600, 47.8751,
46.2068

107.2966,
112.7833, 112.2146

■ 32.1019, 33.7280,
32.0592

136.2141,
143.1897, 143.4673

■ 21.5953, 22.6847,
21.1415

169.9099,
178.6219, 180.0427

■ 13.6747, 14.3609,
13.0353

208.7492,
219.4643, 222.3592

■ 7.9750, 8.3721,
7.3218

253.0976,
266.1013, 270.8355

■ 4.1306, 4.3339,
3.5827

303.3202,

■ 1.7763, 1.8621,

318.9173, 325.8900

1.3993

359.7825,
378.2967, 387.9412

■ 0.5033, 0.5254,
0.1412

■ 0.0000, 0.0000,
0.0000

■ 62.3349, 65.5104,
64.0029

■ 62.3349, 65.5104,
64.0029

■ 58.1209, 60.8565,
50.9615

■ 67.0031, 70.4952,
78.9732

■ 54.3393, 56.5163,
39.7648

■ 72.1355, 75.8103,
95.9433

■ 50.9745, 52.4836,
30.3289

■ 76.0789, 80.7985,
106.1936

■ 48.0078, 48.7490,
22.5614

■ 78.3049, 85.2504,
106.9356

■ 45.4187, 45.3021,
16.3615

■ 80.6261, 89.8928,
107.7093

■ 43.1849, 42.1317,
11.6176

■ 82.4256, 93.4919,
108.3092

■ 41.2809, 39.2255,
8.2027

■ 39.6771, 36.5693,
5.9683

■ 38.3325, 34.1444,
4.7052

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.6615, 65.5104, 65.0471



62.3349, 65.5104, 64.0029



61.0085, 65.5104, 64.8609

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.3349, 65.5104, 64.0029



59.9640, 65.5104, 75.0163



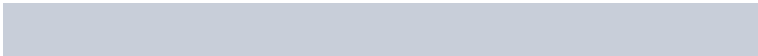
64.5546, 65.5104, 75.3719

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.3349, 65.5104, 64.0029



58.4150, 61.4307, 74.4250

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.5400, 65.5104, 78.2149



62.3349, 65.5104, 64.0029



60.8904, 65.5104, 78.0043

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.3349, 65.5104, 64.0029



59.6519, 65.5104, 71.1317



62.1965, 65.5104, 79.1953



64.9547, 65.5104, 71.5281

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.3349, 65.5104, 64.0029



60.3002, 65.5104, 66.4146



62.1965, 65.5104, 79.1953



64.2734, 65.5104, 76.4815

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.3367, 65.5133, 64.0043



93.6685, 98.5335, 104.4423



60.4394, 60.5288, 67.0399



20.0634, 21.1057, 22.4016



0.0000, 0.0000, 0.0000



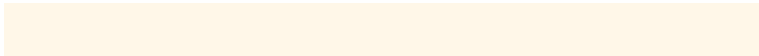
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.3367, 65.5133, 64.0043



89.0444, 93.5527, 89.7455



63.1851, 68.2035, 64.4789



13.7557, 14.4507, 13.7898



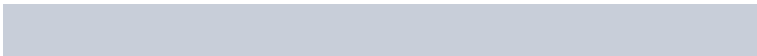
23.1429, 20.5715, 2.7509



1.5792, 1.4925, 0.2048

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.4150, 61.4307, 74.4250



82.5476, 86.7895, 107.0091



57.6089, 58.9130, 73.9815



12.7125, 13.3648, 16.5618



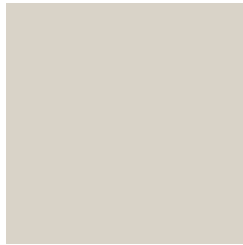
9.2589, 6.3872, 40.4832



0.6793, 0.5727, 2.6492

Previews

White Background



This preview shows how the XYZ color 62.3349, 65.5104, 64.0029 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 62.3349, 65.5104, 64.0029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

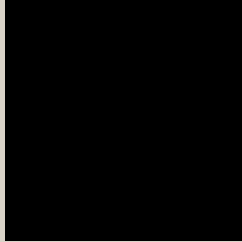
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

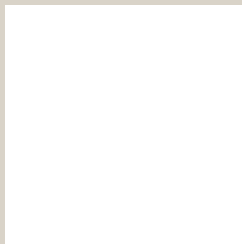
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3349, 65.5104, 64.0029

Background



This preview shows how black text looks on a background with the XYZ color 62.3349, 65.5104, 64.0029.

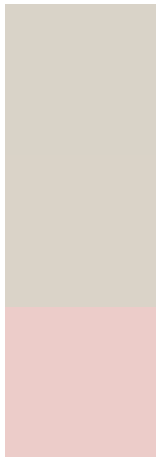


This preview shows how white text looks on a background with the XYZ color 62.3349, 65.5104,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.3349, 65.5104, 64.0029

Protanopia

62.6330, 65.6641, 64.0169

Deuteranopia

66.7276, 65.2356, 64.3332



Tritanopia

65.2826, 65.2231, 79.6696

Trichromacy



Original Color

62.3349, 65.5104, 64.0029

Protanomaly

62.6330, 65.6641, 64.0169

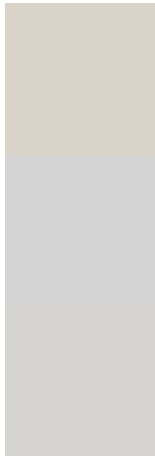
Deuteranomaly

65.1685, 65.5007, 64.4665

Tritanomaly

64.0350, 65.0781, 73.4763

Monochromacy



Original Color

62.3349, 65.5104, 64.0029

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.6602, 65.9372, 69.0991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3349, 65.5104, 64.0029 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(217, 211, 200) looks like.

```
.text, #text, p{  
    color:rgb(217, 211, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 211, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 211, 200) }
```

Border

The CSS property to change the border of an element to XYZ 62.3349, 65.5104, 64.0029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 211, 200) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 211, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 211, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 211, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 211, 200);  
box-shadow:4px 4px 4px 4px rgb(217, 211,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3349, 65.5104, 64.0029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 211, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
211, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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